

RESULT 1

CEZK945 27981 bp DNA INV 06-SEP-1999
 Caenorhabditis elegans cosmid ZK945, complete sequence.
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 HTG: ABL1; Esterase; Mucin; Polycystic kidney disease protein 1;
 Proteasome component (A-type); Pumilio.
 SOURCE
 ORGANISM
 Eukaryota; Metazoa; Nematoda; Secernentea; Rhabditia; Rhabditidae;
 Rhabditina; Rhabditidae; Rhabditidae; Pelodierinae; Caenorhabditis.
 1 (bases 1 to 27981)
 Wilson, R., Alnsough, R., Anderson, K., Baynes, C., Berks, M.,
 Bonfield, J., Burton, J., Connell, M., Copsey, T., Cooper, J.,
 Coulson, A., Craxton, M., Dear, S., Du, Z., Durbin, R., Favello, A.,
 Fulton, L., Gardner, A., Green, P., Hawkins, T., Hillier, L., Jier, M.,
 Johnston, L., Jones, M., Kershaw, J., Kirsten, J., Laister, N.,
 Latreille, P., Lightning, J., Lloyd, C., McMurray, A., Mortimore, B.,
 O'Callaghan, M., Parsons, J., Percy, C., Rifkin, L., Ropra, A.,
 Saunders, D., Showkhen, R., Smaildon, N., Smith, A., Sonnhammer, E.,
 Staden, R., Sulston, J., Thierry-Mieg, J., Thomas, K., Vaudin, M.,
 Vaughan, K., Waterston, R., Watson, A., Weinstein, L.,
 Wilkinson-Sproat, J. and Wohlman, P.
 2-2 Mb of contiguous nucleotide sequence from chromosome III of C.
 elegans

REFERENCE

AUTHORS

TITLE

JOURNAL

EDLINE

REFERENCE

AUTHORS

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COMMENT

FEATURES

Source

gene

CDS

FEATURES

Location/Qualifiers

1..27981

/organism="Caenorhabditis elegans"

/db_xref="taxon:6239"

/chromosome="II"

/clone="ZK945"

1357..5171

/gene="ZK945.1"

join(1357..1454,2626..2766,3401..3695,4236..4898,

4947..5171)

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QY	4561	tgaatgccattcttcacagttttgagtttttccctacaataatttgatgcattcatcgataa	4620
DB	20320	TGAATGCCATATCTTCACAGTTTGGATTTTCCCTACAATATTTGATGCATCATCGATAA	20379
QY	4621	cgattaccattccggttcgcgtgcagcgtattctctaaatttgattgacattgagtgaac	4680
DB	20380	CGATTACCATTCGGTTCGGTCGCAGCGCTATTCTAAAAATTTGATTGACATTAGTGTAAAC	20439
QY	4681	tgtaacttttggattaccgagtagtcataagtgaaagtgcacgttgcagttgctatagcttagct	4740
DB	20440	TGTAACTTTTGGATTACCGAGTAGTCATAAGGTAAAGTAAAGTGCAGTTGCTATAGCTTAGCT	20499
QY	4741	gctagcgtgtttccaggggtattctagtagatgcaagttggttggttagatttttgccc	4800
DB	20500	GCTAGCGTGTTCACAGGATCTAGTGTAGATGCAAGTTGTTGGCTAGATTTTGGCC	20559
QY	4801	tgaatagaatatgaataattccaaactcaaaagttttaaaaactcacagatgtctcttg	4860
DB	20560	TGAATAGAATATGAATTAATTCRAACTCAAAAAGTTTAAAACTCACAGATGTTCTTCTG	20619
QY	4861	gaacatttttgtagcgtaaagcagcccatctctctgacgtcattctccacgtacacaa	4920
DB	20620	GAACTATTTGTGAGTAAGCAGGCCATTCTCTGACGTCATTCTCCACGTCACACAAT	20679
QY	4921	attgtctggatacatttggtagcacgcttgtaacaaggaatcatagttatctgttgcata	4980
DB	20680	ATTGTCTGGATCATCTGTGTAGCAGCTTGTACAGGAATCATAGTTATCTGTGTCATATTT	20739
QY	4981	caaatggcagctagatcagaagaagaggtatgtcgagagcaatcttcaaacgtcgtatc	5040
DB	20740	CAAAATTGGCAGCTAGATCAGAAGAAAGAGGATGTGCAGAGCAATCTTCAACGCTGATGT	20799
QY	5041	taaaagatcccgcaattgaaaggagagagttggatgctcgaaaaattattattagacatc	5100
DB	20800	TAAAGATCCGCAATTGAAGAGAGAGATTGGATGTCTGAAAAATTATATTATGACATCT	20859
QY	5101	accaaagtttagtgatgaatacacatcataactctgcattctgcattagtcattccatta	5160
DB	20860	ACCAAAGTTTATGTATGAATACATCATTAATCTCGACTGTGCATAGTCATTCCATT	20919
QY	5161	tctgtaagaatacttgagtagtgcgaagaatcgtttccaaattgtctggtggtattctga	5220
DB	20920	TTTGTAAAGAAATCTTGAGTATTGCTAAGAATCGTTTCAATTTGTTGCTGGGATCTTGA	20979
QY	5221	ttcacaacacttgcggcacatactctggatatttaaaatgatttgatgattgttgta	5280
DB	20980	TTCATCAAACTTTGGCGCACATATCTGGATATTTAAATGATTTTGTATGCATTTGTGA	21039
QY	5281	tttattttttgagttaccaaatttagttccggaacatcgcttccgtgcgaacttgctc	5340
DB	21040	TTTATTTTGTGAGTACCAATTTAGTTCCGGAACATCGCTTCGCTCGAAACTTTGTC	21099
QY	5341	cattctgaattacatatcatctcgttccattcttaataatacaacctccatcgattctca	5400
DB	21100	CATTCTGAATTAACATATCATTCGTTCCATTTCTTAATTAATCAACCTCCATCGATCTCA	21159
QY	5401	ttttctgtgtgcagagaattccattaaagttctcaaaattaaagtttccctatacaaaata	5460
DB	21160	TTTTCTGTGTGCAGAGAAATTCATTAAGTTCTCAAAATTTAAAGTTCTCTATACAAAATA	21219
QY	5461	tccatttcgactatatacttacacgtagtttgagaaccagatgtagtaagttccgact	5520
DB	21220	TCCATTTCGAGACTATACTTACACCGTATGAGTTTGAGAACCCAGATGTGTAAAGTTCCGGCT	21279
QY	5521	gttatctgaataccgtaacctccaagcgccaagaacaataattgtaggtgggagaactg	5580
DB	21280	GTTATCTGAATACCGTAAACCTCCACGCGCCCAAGAACAATATTGTAGTGGGAGAACTG	21339
QY	5581	atcacagagttgtcacagagtttgacaaataaaggggcgtggagttctacgaaaaatgag	5640
DB	21340	ATCACAGAGTTGTACAGAGTTTGACAAATAAAGGGCGGTGAGTCTACGAAAAATGAG	21399

QY	5641	tagccgcgtgacatgatgatgtagcgcctttggagaagaatagctgcaagaaaaagtctattt	5700
Db	21400	TAGCCGCCTGACATCGATCGATGGATGACGCTTTGGAGAAAGATAGCTGCAAGAAAAAGTTATTTT	21459
QY	5701	gatattaacaactcaetcagcaaaaagctctacagttcccgaaacggtgcacaagtgtttgtt	5760
Db	21460	GATATTACAACTCATCAGCAAAAAGTCTTACAGTTCCTCGAACCCTGACAACTGTTGT	21519
QY	5761	ccttaatacgaatgattgcaaatcatcttttggctgacaaagccgtcggtgaaagtagata	5820
Db	21520	CCTTAATCAATGATTGCAATCATCTTTGGTGTACGAAGCCGTGCGTGAAGAGTAGATA	21579
QY	5821	ttagacacagtttgagataaagcagacagacactggaattccaatgctctcggagacaaca	5880
Db	21580	TTGAGACAGTTTGAGATAAAGCAGAGACACTGGAATTCCTCCCTCGGAGACAGCA	21639
QY	5881	ccatttcgaattgaataaactctcccgctttgagacaacaagtgagaaagtagttgattga	5940
Db	21640	CCATTTCGCATTGAATAACTTCCCGCGTTTGAGAACACAAAGTGGAGAAGTAGTTGATTGA	21699
QY	5941	ataaagcaaggttgacgtctgaaatttttagcgtctataaccagacacactcccaattgata	6000
Db	21700	ATAAAGCAAGGTTGACGCTCGAAATTTTATAGCGTCATACCCAGACACCTCCCATTTGCATA	21759
QY	6001	cttactctcaataaactatcggcatctgaaatcaactctctaaaccgctcgtcgtcgagagatcc	6060
Db	21760	CYTACTCTCAATACTATCGCATCTGCAATCAACTTCTTAACCGTGTCTGCTGAGATCC	21819
QY	6061	atctgatgccacaacccgtgaaagctgcagcatgtgatgagaaaaatggcaattatcgtctc	6120
Db	21820	ATCTGATGCCAACACCGGTGAAGCTGTGAGCATTTGTATGAGAAAATGGCATTTATCTGTGTC	21879
QY	6121	tacttcaacaactttctgttccactctgcgcgaagtattgtgaagtaactccaccata	6180
Db	21880	TACTTCAACAACCTTCTGTCTCCATTCGTGCAAGTATTGTGTAAAGTAACCTCCACCATTA	21939
QY	6181	tgatgcagttactactagtcctctagatacaaatatttttgagtagaatacgaattttatcat	6240
Db	21940	TGATSCAGTTACTACTAGTCTCTAGATACAAATATTTTGAGTAGAATGCAGTTTATCAT	21999
QY	6241	tgttccagatccaactgaaataaaaaatgaaaaatttcattgctctcagatttataaat	6300
Db	22000	TGTTCCAGATTCAATCTGAATTAATAATTTGAAAATTTTCATGTCTCTACGATTTATAAT	22059
QY	6301	ttaccaataaatagtattgaaactcttgagactgggataattgaacgaaaaatgaagtgtctc	6360
Db	22060	TTACCAATAATATGATTGAACCTTCAGACTGGGATATTGAACGAAAATGAAGTGTCT	22119
QY	6361	tctgacttgtggatctactgttgaaattgtcaatagtacattccaagcagttacaataca	6420
Db	22080	TCTGACTTGTGGATCTACTGTTGAAATGTCAATAGTACATTTCCAAGCAGTTACATACA	22179
QY	6421	tatcattataactattcccctgatgaaacatctccaactccaactcattgtagccatta	6480
Db	22180	TATCATATTACTATATTCCCTCATTTGACATCTCCAACTCCACATCATTTGAGCCATTA	22239
QY	6481	tatttccagaacacagtgatcggtttgtctactattttatctcgtctcaacttgcacagtcc	6540
Db	22240	TATTTCCAGAAACCACTGATCGTTGTGTCATCTATTTTATCTCTCAACTTCACAGTCC	22299
QY	6541	ttccatttgttgcaaacattccttggattccgattggcagctctagcatagttgtccgct	6600
Db	22300	TTCCATTGTTTGGCAACATTCCTTTGGATTCCGATGGCAGCTGCTAGCATAGTGTCCGCT	22359
QY	6601	gaacagttttcacataaacatacaatgtttctctattattccaaaagttcttaccagtaacggtatct	6660
Db	22360	GAACAGTTTTCATAAACTACAAATGTTCTATATTCAAAAAGTCTTACAGTAACGGTATCT	22419
QY	6661	ccatcaacagctgttataagatgcgccgggtatctctctgtgaaggtatatttgaatccgtaa	6720
Db	22420	CCATCAAGCTGTTTATAAGATGCCCGGGTATCTCCCTGTAAAGTATATTGTAGATCCGTA	22479
QY	6721	atgctgagctgttaagttgaaacaataaactctcccaaccatacttttcttaccgtacac	6780

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Db 23560 TTATCAAAAAACAGTAATGCGCTTACCAGTAGTGTAGTTGGAGAACTACATTTCAT 23619
 QY 7861 agtaaatgtgactggcagattctccagatgcacagattggttaacataattgaagaattc 7920
 Db 23620 AGTAAAGATGTGACTGGCAGATTCTCCAGATGCACGATTGGTAACTAATTAAGAAATC 23679
 QY 7921 ataatcccaattcagatcaaaagctggtctatgggttgaagatacagagggcactata 7980
 Db 23680 ATAAGTTCAGTTCAGGTCAAAAGCTGCTCATTTGGGTTGAAAGATACGGAGGCACATA 23739
 QY 7981 tgcaccatttttcccaactgtaatatagatataataaataaataatgataaactgtgctaact 8040
 Db 23740 TGCACCAATTTTCCAACTGTAATATAGTACATAAATGAAATATGAAAGTTCCTAACT 23799
 QY 8041 agggagtgctcttctgactccatggaaatatagtcggaaataacttttcgggtagttt 8100
 Db 23800 AGGGAGTGCTCTTTGTACTCCATGGAATATAGTCGGAAATACACTTTTCGGGTAGTTT 23859
 QY 8101 agtcatatttctacacgattctgaaagaaaatcctgcgggttttgggttttagtggtaa 8160
 Db 23860 ATGTCATTTTCTACACGATCTGAAAGAAATCTGCGCGGTTTGGGTTTGTAGTGTGAAA 23919
 QY 23919 agtttgcgttgtaaaataccacccttaaatcagttgatttaaacactacggagcccatatt 8220
 Db 23920 AGTTTGCCTTTGAAATATACCCCTTAATTCAGTTGATTTAACTACACTACGGACCATATT 23979
 QY 8221 tcatgtcaacgggaaagcccaagtaactgaaactcacttccaaattttcaagcaaaag 8280
 Db 23980 TCATGTGCACGGGAAAGCCCAAGTACACTGAAATCTCAATTTTCAAGCAAG 24039
 QY 24039 tcataatttcggtggtccagtggtgataacggggagggcgccaggttttccagtaacttg 8340
 Db 24040 TCATAATTTCCGGTGTCCAGTGGATAAGCGGGAGCGGCGCCAGTTTTCAGTACTGTG 24099
 QY 8341 gtttccggttcacatgaataatgggtgcggtagttgtaatacaactgaatttaggggtg 8400
 Db 24100 GCTTTCCCGTTGCATGAATATGGGTGCGGTAGTGTAAATCAACGTAATTTAGGGTG 24159
 QY 8401 gtattttcaaacgcaaaactttcacactaaaaccccaaacccggcagggtattttcttca 8460
 Db 24160 GTATTTTCAACCGCAAACTTTTCACTATAAACCCCAAAACCGGAGGATTTTCTTCA 24219
 QY 8461 atcgtgataaaatgatatacaactaccggaaagtagttttccgactcatatttccatgg 8520
 Db 24220 ATCGTGTAAATATGATATCAACTACCGGAAAGTAGTTTCCGACTCATATTTCCATGG 24279
 QY 8521 agtacaagaacactccctcagtaggcacaaatctcacactctgtcgaagcaattgtcttcc 8580
 Db 24280 AGTACAAAAGCACATCCCTAGTAGGCAAAATCTCACACTCTGTCAAGCAATTTGCTTCT 24339
 QY 24339 tcaagtaaaacaaatggctgagaagaatcgtttcgacattgacaggtcactagcagtccttaa 8640
 Db 24340 TCAGTAAACAAATGGCTGAGAAGATCTGTTTCGACATTGACAGGTCTATGACAGTCTTAA 24399
 QY 8641 aatataaggtttttttaaagtaaatgatttgaatacttaccgtttaaagctccgggc 8700
 Db 24400 AATATTAAAGGTTTTTTTAAAGTAAGATTGATTTGAATATCTTACCCTTAAAGCTCCGGC 24459
 QY 8701 tcttgtttggaattggtgtaataataaattgattttccagagtaatacaactgtctcgttc 8760
 Db 24460 TCITTTGTTGGAATTTGTTAATATAAATGATTTTTCAGAGTAATACACTGTCCTGTTT 24519
 QY 8761 catgtcaaaatttccaaatacaaaagtcgttaaggggtttctgtactctgctctgagatccaca 8820
 Db 24520 CATGTCAAAATTTTCCAAATCAAAAGTCGTAAAGGGGTTTCTGTACTTCCGCTCGGTCCACA 24579
 QY 8821 gttgtgttctcatgtatcaagatcaccttgatgaatcgaggtggttttgagataaaca 8880
 Db 24580 GTTGTGTTCTCATGCTATCAGATGACACTGTATGAATCGGATGGGTGTTTGAGATAACCA 24639
 QY 8881 gatgaatcgaatggatggatggattgagttagatgagtcctatggtggtggaatctgaagt 8940
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QY 8941 gtgcagaatcccgatgttgatgaactgtctgtgaagcatcagctgctgtagcttcc 9000
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 QY 9001 aaagtgcagctagatcaaatctcctgaagtgttgaaatggctgaacttttcggaagaagat 9060
 Db 24760 AAAGTCGACGTAGATTCAATTCCTGAAGTTGTGGAATGGCTGAACCTTTCGGAAGAAGAT 24819
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 Db 24940 TAGGTGCCAATCCCAACAAGAATGTTTCAATTTGGTTGAATTTGGAATATTAGAGAATAA 24999
 QY 9241 gttgcgttttagaccgtgtttgctggaattcgttcaattcaataatttcaaaaagt 9300
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 QY 9301 gtttaactcaagctgatttcaagaagtggttcccttaattataagaagaagctcagtaga 9360
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 QY 9421 atttattaaacccgcctcagtgaggagtaattggtcatttagttggttaaggtacaaattgat 9480
 Db 25180 ATTTATTAAACCCGCTCAGTAGGAGTAATGTCATTAGTTGTAAGGTACAAATTTGAT 25239
 QY 9481 gctgttctcattgtgacgtgtctgtccatgacaaatcactgtccagatgaatacgaag 9540
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 QY 9541 ctgactgactgacaaagtggagttgaatcagcagtggttagaactcggagctggaagaagt 9600
 Db 25300 CTGATCGACTGACAAAGTGGAGTTGAATCAGCAGTGTGTAAGACTCGGACTGGAAGAAGT 25359
 QY 9601 tctggtatgtctcggagatggttagttactggaatcagtagtactttcttcggaaagtgt 9660
 Db 25360 TGTGGATGTGTCCGAGATGCTAGTTGTTACTGGAATCAGTAGTACTTCTTCGGAAGTTGT 25419
 QY 9661 tctggtatctctgtaaaagttagttgtctccagcgcagctgtgtcgtagaatcgttgaaag 9720
 Db 25420 TGTGGATTTCTGTAAAGTAGTTGTGCTCCAGCCGACGTTGTGTAAGATCGCTTGAACG 25479
 QY 9721 tctggtatgacgggtctgtgactgtggtggtgataatgtggaagatggaagtgtggtgtc 9780
 Db 25480 TGTGGATGACGGCTCTGTGACTGTGGATGTTGATAATGTGGAAGATGGAAGTTCATGGTGT 25539
 QY 9781 agatgacgtgagacttgcctacacagatgtagaagattccgactctatggtgtgagaaga 9840
 Db 25540 AGATGACGTGAGAGTGTGCTACACAGATGTAGAAAGATTCGACTCTATGGTGTGGAAGA 25599
 QY 9841 atattcctgaataataaacgttcgcatacgtgttagtaaaacttttttctcgtcgtgtgcat 9900
 Db 25600 ATATTCCTGAATATAAACGTTCCGATACGTTAGTAGTAATACTTTTTTATCGCTGTTGCAT 25659
 QY 9901 agttgctctgaaggtgttagtttccaggaacaaagaaatgtgctagcaggggtagcgtccctcc 9960
 Db 25660 AGTTGCTCTGAAAGTGTAGTTTCCAGGACCAACGAATGTGCTAGCAGGGTAGTCCCTCC 25719
 QY 9961 gaggcgtggcatgatcacactttctgaatatattgaaaaaatgtgtaaaaaatctaaa 10020
 Db 25720 GAGACGTGGCATGTGATACACTTTCTGAATATATTGAAAAAATATGTGTAATAAATCTAAA 25779

